



Figure 1: Canonical difference-in-difference (DnD) time series chart.

The above figure shows mean lung hospitalizations between 2010-2030, by treatment group – i.e., “treated” (states that passed anti-vaping laws in 2021) and control (states that did not pass anti-vaping laws). The figure illustrates approximately parallel trends prior to the introduction of the anti-vaping laws in 2021. Post the introduction of the anti-vaping laws, states in the treated group experienced a significant reduction in mean lung hospitalizations per year, while the control group showed no such decrease. This visually provides compelling evidence that the anti-vaping laws were effective in reducing lung hospitalizations.